

APPENDIX L

INDIVIDUAL ENTITY DESCRIPTIONS

MUNICIPAL AND INDUSTRIAL

**Draft Environmental Impact Statement
Allocation of Water Supply and
Long-Term Contract Execution
Central Arizona Project**

M&I ENTITIES

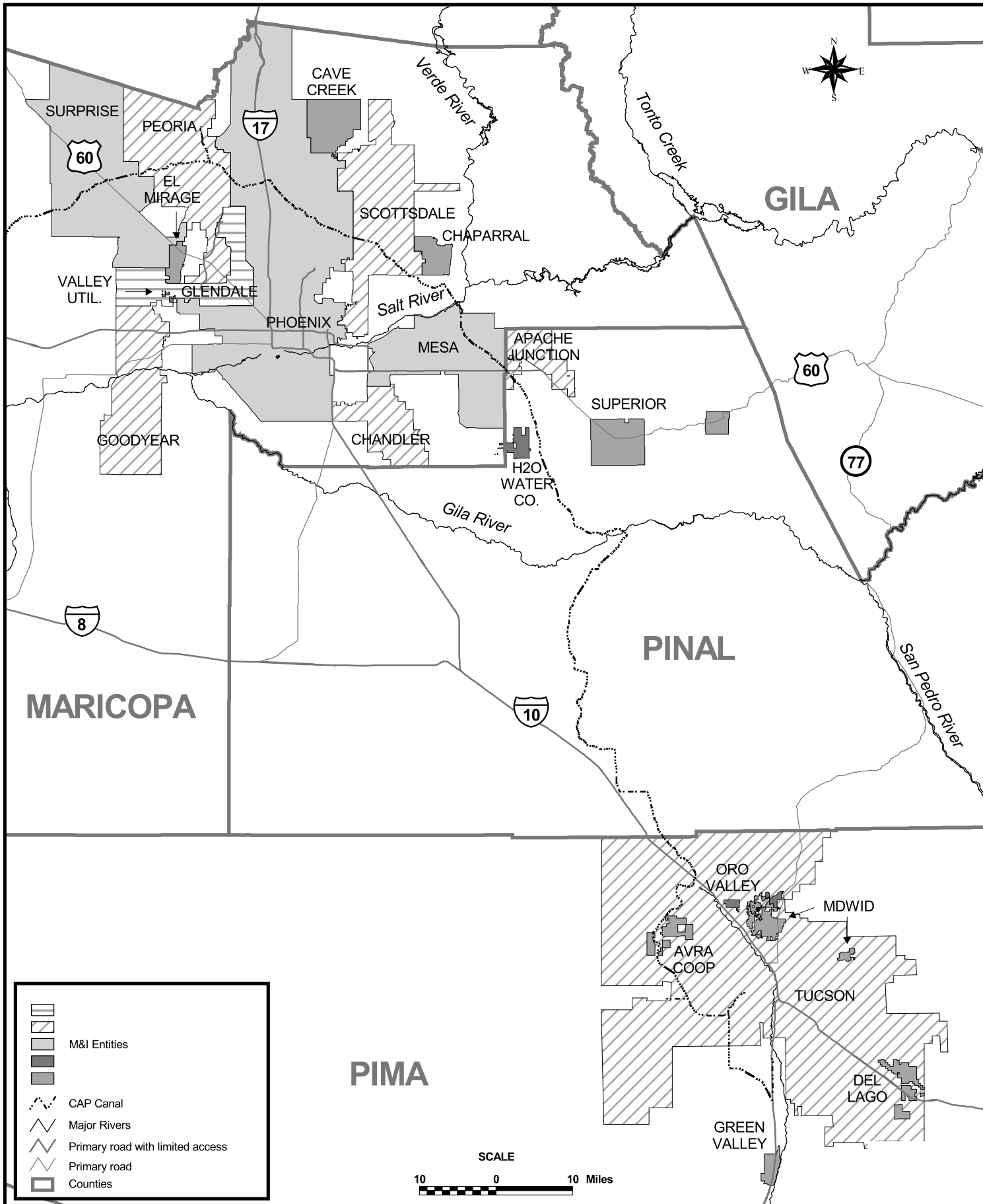
There are 21 municipal water providers and private water companies that were recommended, by the Arizona Department of Water Resources (ADWR), to receive an allocation of CAP water (see Table L-M&I-1). These entities, which comprise the M&I water users that are considered in the draft EIS, are located in Maricopa, Pinal and Pima Counties, Arizona. The entities are shown on Figure L-M&I-1. Under the Settlement Alternative and Non-Settlement Alternative 1, each of these entities would receive a portion of the currently unallocated 65,647 acre-feet annually (afa) of M&I priority CAP water. Under Non-Settlement Alternative 3B, each of these 21 entities would receive a portion of an estimated 71,815 afa of NIA priority water, based upon ADWR's recommendations. Of the 21 M&I entities, 15 currently have an existing CAP water allocation and would receive an additional allocation, and six would receive a new allocation. Under the remaining alternatives, these M&I entities would not receive an allocation.

In order to assess the potential impacts from the proposed allocation of CAP water to these 21 M&I entities, total long-term water deliveries for each water user were estimated. Population projections for future conditions under each allocation alternative were developed. Water demand and available water supply projections, including CAP water made available under each alternative, were also estimated (details on the methodology and projections are found in Appendices A and C). Land use changes within each entity's service area or MPA through time were also projected. These projections and estimates are totaled for all 21 entities and summarized on Table L-M&I-2. It should be noted that an analysis of current and potential future water resources compared to projected future water demands indicates all M&I entities evaluated in the draft EIS could meet their projected demands without receiving additional CAP water through this proposed allocation (see Appendix C); therefore, the amount of acreage urbanized would be the same for each alternative, including the No Action Alternative. The following summaries include a general description of existing conditions relating to land use, water resources and socioeconomics for each entity. The following summaries also include a brief description of the impacts to biological and cultural resources that would result from this conversion of desert and agricultural lands to urban uses.

Projected plans to take and use CAP water are described below for each M&I user. These plans are based upon a review of water use plans (where available) and telephone interviews with entity representatives.

The individual descriptions of land use include an identification of land use designations based on 1995 land use data received from either Maricopa Association of Governments (MAG) or as surveyed as part of the habitat zone delineation. The land use categories for MAG include agriculture, developed, rural, vacant, and water. The developed land use category is comprised of a number of individual land use categories including various residential, commercial, industrial and open space categories.

For the purpose of converting the 1995 MAG data to current and future anticipated land



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CAP Allocation EIS **M&I Sector Location Map**

Figure
L-M&I-1

usage, three land use categories were developed. The categories include agriculture, desert and urban. The agriculture category is the same as the 1995 MAG category and was adjusted based on 1999 aerial photography. The desert category includes that area defined as vacant in the 1995 MAG data and was adjusted based on the habitat mapping performed for the draft EIS. The urban category includes the 1995 MAG categories of developed, rural and water.

Table L-M&I-1 CAP Allocation Draft EIS Summary of Entities in the M&I Sector	
M&I Entity	Location
Arizona Water Company - Apache Junction	Pinal County
AVRA Water Cooperative	Pima County
Cave Creek Water Company	Maricopa County
City of Chandler	Maricopa County
Chaparral City Water Company	Maricopa County
Community Water Company of Green Valley	Pinal County
City of El Mirage	Maricopa County
City of Glendale	Maricopa County
City of Goodyear	Maricopa County
H2O Water Company	Maricopa County
City of Mesa	Maricopa County
Metropolitan Domestic Water Improvement District	Pima County
Town of Oro Valley	Pima County
City of Peoria	Maricopa County
City of Phoenix	Maricopa County
City of Scottsdale	Maricopa County
Town of Superior / Arizona Water Company-Superior	Pinal County
City of Surprise	Maricopa County
City of Tucson	Pima County
Vail Water Company	Pima County
Valley Utilities Water Company	Maricopa County

Table L-/M&I-2
CAP Allocation Draft EIS
Summary of Significant Data to M&I Sector

	Settlement Alternative	Non- Settlement Alternative 1	Non- Settlement Alternative 2	Non- Settlement Alternative 3A	Non- Settlement Alternative 3B	No Action
CAP Deliveries in 2051 (af)	552,422	523,610	458,366	458,366	523,610	458,366
Groundwater Pumped in 2051 (af)	123,583	123,583	123,722	123,722	123,583	123,722
Desert Urbanized (acres)	240,000	240,000	240,000	240,000	240,000	240,000
Estimated Population 2001	3,253,734	3,253,734	3,253,734	253,734	3,253,734	3,253,734
2051	6,682,615	6,682,615	6,682,615	6,682,615	6,682,615	6,682,615
CAGR D* Replenishment Obligation (af)	126,168	149,003	199,174	199,174	149,003	199,174
CAGR D = Central Arizona Groundwater Replenishment District						